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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	Continuation of 09/064,824
Filing Date	concurrently
First Named Inventor	Christopher Spooner et al.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Attorney Docket Number 32266-172291

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
9/14/91		5,161,203		Buckley	11/3/92	
		5,175,798		Taylor et al.	12/29/92	
		5,200,888		Hashimoto	4/6/93	
		5,261,100		Fujinami et al.	11/9/93	
		5,367,449		Manthey	11/22/94	
		5,377,306		Broomhead et al.	12/27/94	
		5,384,896		Sakae et al.	1/24/95	
		5,446,890		Renslo et al.	8/29/95	
		5,450,314		Kagami et al.	9/12/95	
		5,475,793		Broomhead et al.	12/12/95	
		5,479,570		Imagawa et al.	12/26/95	
		5,526,522		Takeuchi	6/11/96	
		5,555,345		Komori et al.	10/10/96	
		4,734,856		Davis	3/29/88	
		5,325,466		Kornacker	6/28/94	
		5,454,102		Tang et al.	9/26/95	
		5,630,123		Hogge	5/13/97	
		5,669,007		Tateishi	9/16/97	
		5,710,916		Barbera et al.	1/1998	
9/14/91		5,842,204		Andrews et al.	11/24/98	

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Melvin Kilday

Date Considered

31.03.04

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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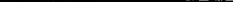
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	Continuation of 09/064,824
		Filing Date	concurrently
		First Named Inventor	Christopher SPOONER et al.
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	32266-172291
Sheet	2	of	3

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Examiner Signature		Date Considered	31/03/04
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Sheet

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of

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Application Number	Continuation of 09/064,824
Filing Date	concurrently
First Named Inventor	Christopher SPOONER et al.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	32266-172291

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	T ²
<i>AMM</i>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	"The ML Approach to the Readable All-Purpose Language," Spooner, C.R., ACM Transactions on Programming Languages and Systems, Vol. 8, No. 2, April 1986, pp. 215-243	
	"Elements of the Theory of Computation," Lewis, Harry R. et al., Prentice-Hall, Inc., Englewood Cliffs, NJ, 1981, pp. 95-153.	
	"Introduction To Artificial Intelligence," Charniak, et al., Addison-Wesley Publishing Company, Inc, 1985, pp. 194-214.	
	Barendregt, An Intermediate Language Based on Graph Rewriting, 1988/89, pp. 163-177.	
	De Remer, Transformational Grammars for Languages and Compilers, 9/1975, pp. 427-433.	
	Gyssens et al., "A Grammar-Based Approach Towards Unifying Hierarchical Data Models," Proceedings of the 1989 ACM SIGMOD Int'l Conference on Management of Data and Symposium on Principles of Database Systems, May 31-June 2, 1989, pp. 263-272.	
<i>AMM</i>	Ladd et al., "A*: a Language for Implementing Language Processors," Proceedings of the 1994 IEEE Int'l Conference on Computer Languages, 16-19 May 1994, pp. 1-10	

Examiner Signature	<i>Amber Lee</i>	Date Considered	<i>3/12/04</i>
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Sheet

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of

2

Complete if Known

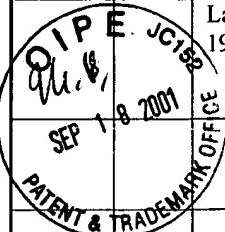
Application Number	09/853,821
Filing Date	May 14, 2001
First Named Inventor	Christopher SPOONER <i>et al.</i>
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	50174.020200

U.S. PATENT DOCUMENTS

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AM.N		5,161,203		Buckley	11/2/1992	
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		5,200,888		Hashimoto	4/6/1993	
		5,261,100		Fujinami <i>et al.</i>	11/9/1993	
		5,367,449		Manthey	11/22/1994	
		5,377,306		Broomhead <i>et al.</i>	12/27/1994	
		5,384,896		Sakaue <i>et al.</i>	1/24/1995	
		5,446,890		Renslo <i>et al.</i>	8/29/1995	
		5,450,314		Kagami <i>et al.</i>	9/12/1995	
		5,475,793		Broomhead <i>et al.</i>	12/12/1995	
		5,479,570		Imagawa <i>et al.</i>	12/26/1995	
		5,526,522		Takeuchi	6/11/1996	
		5,555,345		Komori <i>et al.</i>	10/10/1996	
		4,734,856		Davis	3/29/1988	
		5,325,466		Kornacker	6/28/1994	
		5,454,102		Tang, <i>et al.</i>	9/26/1995	
		5,630,123		Hogge	5/13/1997	
AM.N		5,669,007		Tateishi	9/16/1997	
		5,710,916		Barbera <i>et al.</i>	1/1998	considered in 5/19 101 105/paper #7
AM.DX		5,842,204		Andrews <i>et al.</i>	11/24/1998	
AM.M		5,911,072		Simonyi	6/21/1999	
AM.CP		5,956,707		Chu	9/21/1999	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AM.N		"The ML Approach to the Readable All-Purpose Language," Spooner, C.R., ACM Transactions on Programming Languages and Systems, Vol. 8, No 2, April 1986, pp. 215-243.	
		"Elements of the Theory of Computation," Lewis, Harry R. <i>et al.</i> , Prentice-Hall, Inc., Englewood Cliffs, NJ, 1981, pp. 95-153.	
		"Introduction To Artificial Intelligence," Charniak, <i>et al.</i> , Addison-Wesley Publishing Company, Inc., 1985, pp. 194-214.	
		Barendregt, Lean: An Intermediate language Based on Graph Rewriting, 1988/89, pp. 163-177.	
AM.N		De Remer, Transformational Grammars for Languages and Compilers, 9/1975, pp. 427-433.	

Q.M.H		Gyssent et al., "A Grammar-Based Approach Towards Unifying Hierarchical Data Models," Proceedings of the 1989 ACM SIGMOD Int'l Conference on Management of Data and Symposium on Principles of Database Systems, May 31-June 2, 1989, pp. 263-272.	
		Ladd et al., "A*: a Language for Implementing Language Processors," Proceedings of the 1994 IEEE Int'l Conference on Computer Languages, 16-19 May 1994, pp. 1-10.	

Examiner Signature	<i>Abdullah</i>	Date Considered	3/13/04
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